



S H E P A R D B R O S. I N C .

MATERIAL SAFETY DATA SHEET (MSDS)

SECTION 1.

COMPANY AND PRODUCT IDENTIFICATION:

MANUFACTURER'S NAME: Shepard Bros., Inc.	EMERGENCY TELEPHONE NUMBER (Chemtrec): (800) 424 - 9300
ADDRESS: 503 S. Cypress St. La Habra, CA 90631	TELEPHONE NUMBER FOR INFO: (562) 697-1366
DATE PREPARED: 7/16/12	FAX NO. (562) 697-5786
PRODUCT NAME: PROPYLENE GLYCOL FCC, INHIBITED	DESCRIPTION: Inhibited Propylene Glycol

SECTION 2.

HAZARDS IDENTIFICATION:

I. EMERGENCY OVERVIEW

This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200

II. POTENTIAL HEALTH EFFECTS

INHALATION: Mist may cause irritation of upper respiratory tract (nose and throat)

SKIN CONTACT: Repeated contact may cause flaking and softening of skin.

EYE CONTACT: May cause slight eye irritation.

INGESTION: Not anticipated.

CHRONIC EFFECTS AND MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: None known.

SECTION 3.

COMPOSITION / INFORMATION ON INGREDIENTS:

The identity of individual components of this mixture is proprietary information and regarded to be a trade secret. However, based on the health hazard determination of ingredients present at a concentration greater than 1% and 0.1% or more of a carcinogenic substance, this mixture presents the following hazard:

COMPONENTS	% (RANGE)	CAS NO.	OSHA PEL	ACGIH TLV
Propylene Glycol	95 - 97	57-55-6	NA	100 ppm 150 ppm (STEL)
Potassium Phosphate Dibasic, anhydrous	2 - 3	7758-11-4	NA	NA

SECTION 4.

FIRST AID MEASURES:

INHALATION: Immediately move victim to fresh air. Give artificial respiration if breathing has stopped. Get medical attention immediately.

SKIN: Immediately flush the area with flowing water for at least 15 minutes, while removing contaminated clothing. Wash the area with a nonabrasive soap and plenty of water. Wash clothing separately before reuse.

EYES: Immediately flush with plenty of water, alternately lifting the upper and lower eyelids. If appropriate, after 5 minutes, remove contact lenses and continue flushing the eyes for an additional 15 minutes. Get medical attention if irritation persists.

INGESTION: Drink 2-3 glasses of water. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. Get prompt medical attention.



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SECTION 5.

FIRE FIGHTING MEASURES:

EXTINGUISHING MEDIA: Foam, CO₂, water fog, sand/earth (Do not use direct water stream) Alcohol resistant foams are preferred.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Violent steam generation or eruption may occur upon application of direct water stream to hot liquids.

SPECIAL FIRE FIGHTING PROCEDURES: Must wear NIOSH approved or equivalent self-contained breathing apparatus and protective clothing.

SECTION 6.

ACCIDENTAL RELEASE MEASURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Isolate area and eliminate all ignition sources. Wear appropriate protective equipment and clothing during clean-up. Contain spill using an inert diking material. Transfer material into an approved container for possible recovery and reuse or for disposal. Keep product out of sewers, watersheds, and water systems.

SECTION 7.

HANDLING AND STORAGE:

USAGE PRECAUTIONS: Use as directed. Avoid contact with skin and eyes. Handle in accordance with good industrial hygiene and safety practice.

STORAGE PRECAUTIONS: It is recommended that this material be stored in a cool area. Protect containers against damage. Keep container closed when not in use. Store away from heat, sparks, open flame or sunlight. Keep out of reach of children.

OTHER PRECAUTIONS: NA

SECTION 8.

EXPOSURE CONTROLS AND PERSONAL PROTECTION:

ENGINEERING CONTROLS: Ensure adequate ventilation. Local exhaust is suggested for use in enclosed or confined areas.

RESPIRATORY PROTECTION: No special respiratory protection equipment is required with adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment.

SKIN PROTECTION: No protective equipment is needed under normal use conditions.

EYE PROTECTION: Wear safety glasses.

SECTION 9.

PHYSICAL AND CHEMICAL PROPERTIES:

FLASH POINT: 210°F (PMCC)

BOILING POINT: 367°F

MELTING POINT: - 76°F

VAPOR PRESSURE (mm Hg)(68F): 0.07

VAPOR DENSITY (Air=1) (60-90F): 2.62

SPECIFIC GRAVITY: 1.055

WEIGHT/GALLON: NA

APPEARANCE: Transparent colorless liquid

ODOR / TASTE: Odorless

SOLUBILITY IN WATER: Complete

pH at 25°C: 9.6 (50% in water)



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SECTION 10.

STABILITY AND REACTIVITY:

STABILITY _____ Unstable X Stable

INCOMPATIBILITY (*Materials to Avoid*): Strong acids, strong bases, strong oxidizers.

HAZARDOUS DECOMPOSITION PRODUCTS: High temperatures and flames may produce toxic carbon monoxide, carbon dioxide, and oxides of phosphorous and potassium.

HAZARDOUS POLYMERIZATION: _____ MAY OCCUR X WILL NOT OCCUR

CONDITIONS TO AVOID: High temperatures and incompatibles.

SECTION 11.

TOXICOLOGICAL INFORMATION:

Toxicological data is not available.

SECTION 12.

ECOLOGICAL INFORMATION:

Ecological data is not available.

SECTION 13.

DISPOSAL CONSIDERATIONS:

Collect and dispose of in accordance with Federal, State and Local laws and regulations.

SECTION 14.

TRANSPORT INFORMATION:

DOT

Not regulated

SECTION 15.

REGULATORY INFORMATION:

This product is not considered a carcinogen or cancer suspect under NTP, IARC and OSHA.

SARA Title III Section 302 Extremely Hazardous Substances(40 CFR355, Appendix A):

None listed

SARA Title III Section 313 Reportable Ingredients(40 CFR372):

None listed

CERCLA Designation & Reportable Quantities (RQ) (40 CFR 302.4):

None listed

CALIFORNIA/OSHA DIRECTOR'S LIST OF HAZARDOUS SUBSTANCES (8 CCR 339): None listed

CALIFORNIA PROPOSITION 65: None listed

Label: NA

NFPA RATING: Health: 1 Fire: 1 Reactivity: 0

SECTION 16.

OTHER INFORMATION:

SUPERSEDES: MSDS issued on 10/31/05. MSDS issued on 4/06/10. Section 3 updated.

NA: not applicable ND: not determined

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